

FORD

Operator's Manual



FORD

NEW HOLLAND

Tractor-Loader-Backhoe
555B

42055511

Reprinted



S-20325

IMPORTANT

BRAKE ADJUSTMENT INFORMATION

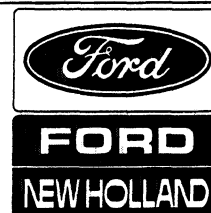
PLEASE INSERT THIS PAGE IN YOUR OPERATOR'S MANUAL

This Ford 555B Tractor is equipped with new and improved heavy duty brakes. It is important that the foot pedal free travel be set to the following procedure rather than the old adjustment of 1-1/2 inches.

Raise rear wheels off the ground, place transmission in neutral with handbrake and brake pedal latch released. Adjust one side of tractor to obtain 1.25-1.75 inches of pedal travel to just lock brakes while wheel is being manually rotated. Adjust opposite brake using same procedure while maintaining a maximum of .25 inch difference between right and left brake. The above procedure should result in pedal travel of 2.0-2.5 inches when a 15.0 lb. force is applied to each pedal face.

With pedal latched together, drive tractor at road speed and apply brakes. Tractor must stop in a straight line. Adjust as required if tractor does not stop in a straight line.

FORD 555B TLB OPERATOR'S MANUAL SUPPLEMENT



GENERAL INFORMATION

Starting in January, 1988 — two Ford 555B TLB models started in productions. A model DF6 and a model DF8. Both are equipped with 5,250 lb. lift capacity loaders and 14 ft. backhoes. Both models may be ordered in two or optional four wheel drive.

The information in this supplement pertains to the Ford 555B — model DF6. Use this supplement in conjunction with the information found in your 555B operator's manual, SE 4436 or SE 4624, which covers the DF8 models.

Read this supplement and your operator's manual thoroughly before operating or performing maintenance on your tractor. Keep them in a convenient location for later reference. If, at any time, you have a service question concerning your new tractor, remember that your Ford New Holland Dealer has factory trained service personnel, genuine Ford parts, and the necessary tools and equipment to best satisfy your service needs.

FORD 555B MODEL (DF6) CHANGES

Controls and Instruments

Cab, Controls and Heater

Front Wheel Drive Control

Backhoe Transport Lock

Electrical System

Front Wheel Drive Axle Maintenance

Backhoe Bolt Torque (Specifications, page 11)

CONTROLS AND INSTRUMENTS

The operator's console controls are shown in Figure 1. The gauges and warning lights are shown in Figure 2.

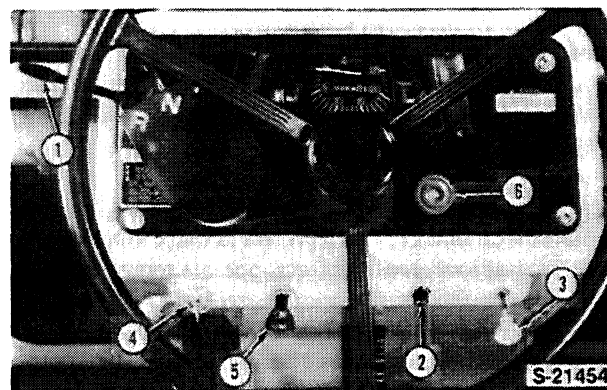


Figure 1
Operator's Console

- | | |
|--|--|
| 1. Turn Signal Lever | C. Instrument Lights, Headlights and Taillights (ROPS) |
| 2. Horn Button | D. Instrument Lights, Headlights and Taillights (ROPS) |
| 3. Diesel Stop Control | |
| 4. Key-Start Switch | |
| 5. Light Switch | |
| Positions: | |
| A. Off | 6. Emergency Flasher Control Switch |
| B. Instrument Lights, Headlights and Taillights (ROPS) | |

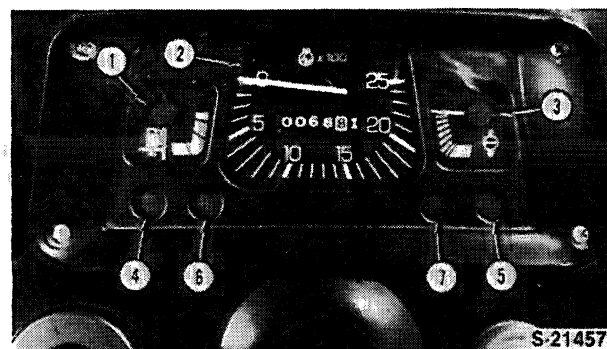


Figure 2
Gauges and Warning Lights

- | | |
|-----------------------------|--|
| 1. Fuel Gauge | 5. Oil Pressure |
| 2. Proof-Meter | 6. Air Cleaner Restriction Warning Light |
| 3. Engine Temperature Gauge | 7. Transmission Temperatures |
| 4. Charge Indicator | |

INSTRUMENT PANEL WARNING LIGHTS

The warning lights (5, 6 and 7) shown in Figure 2, come on when the key-start switch is turned "ON." The lights should go out when the engine is started. If the lights do not go out when the engine is running, proceed as follows:

Engine Oil Pressure Warning Light (6): Stop the engine immediately and investigate the cause. It is important to remember that this light indicates pressure only. The operator must still check the crankcase for proper engine oil level.

Charge Indicator Warning Light (5): It is an indication that the battery is not being charged. Investigate and correct the cause or the battery will become fully discharged.

Transmission Temperature Warning Light (7): Check to be certain that the transmission oil level is correct. If the oil level is correct, operate the engine at 1200 rpm with the transmission in neutral until the warning lights goes out. The light has a relay which will allow it to burn for a few seconds after the engine is started.

FLASHER WARNING LIGHTS

Flasher warning lights (1), Figure 3, located on the side of the ROPS and Cab near the roof, are provided as standard equipment. The push-type switch (6), Figure 1, operates the lights and is internally illuminated and flashes when the lights are in use.

For your protection and as a warning to motorists, use the flasher warning lights whenever operating on public roads, day or night, unless prohibited by law in your state.

TURN SIGNALS

Turn signals are standard equipment. The turn signal indicator switch (1), Figure 1, operates the turn indicator lights (same lights as flasher warning lights).

IMPORTANT: *The flasher warning light switch must be on (pushed out) before the turn signal lights will operate.*

LIGHT SWITCH

The light switch (5), shown in Figure 1, is a rotating type which turns to the right to activate lighting circuits as follows:

ROPS UNIT (Key On)

- "Home" position (A) Off
- All other positions Instrument Lights, Headlights and Red Taillights

CAB UNIT (Key Off)

- "Home" position (A) Off
- "First" position (B) Instrument Lights and Red Taillights
- "Second" position (C) . . . Instrument Lights, Headlights and Red Taillights
- "Third" position (D) Instrument Lights and Red Taillights

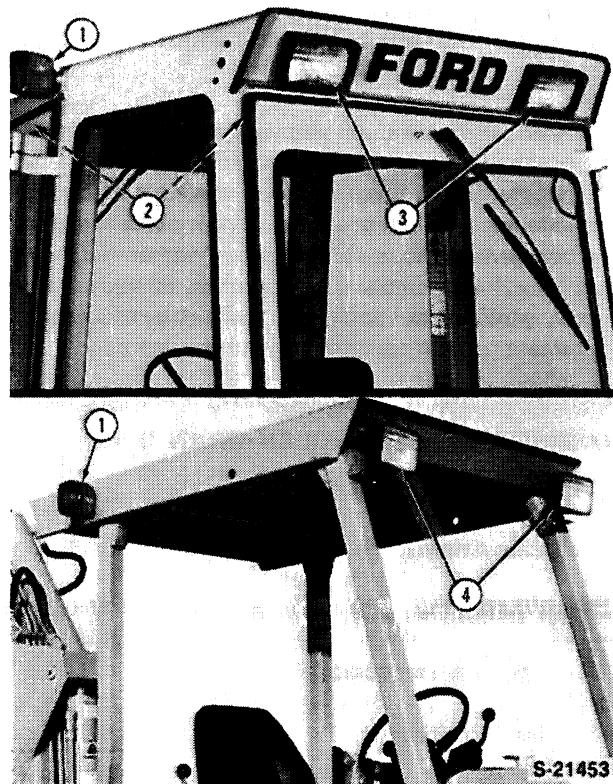


Figure 3

Operating and Warning Lights

- | | |
|---|-----------------------------|
| 1. Turn Signal Lights, Taillights and Flashing Warning Lights | 3. Cab: Halogen Work Lights |
| 2. Cab: Halogen Headlights | 4. ROPS: Halogen Headlight |

CAB ELECTRICAL CONTROLS (Optional) HEATER BLOWER MOTOR, FRONT WIPER AND REAR WORK LIGHTS

The entrance switch for the dome light is shown at (1), Figure 4. The key-start switch does not have to be on for the dome light to work.

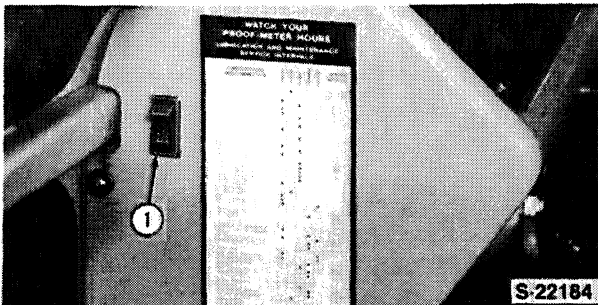


Figure 4
Dome Light Switch

1. Dome Light Switch

The rocker switch (2), Figure 5, operates the single speed heater blower motor. Distribution of air to the windshield and cab is controlled by a tube (windshield) and vents (3), Figure 6, on the heater unit located on the right side front panel of the cab. Hot air may only be obtained from the heater when the shut-off valve (1), Figure 7, is open. To reduce the air temperature from the heater close the vents or close the shut-off valve part way.

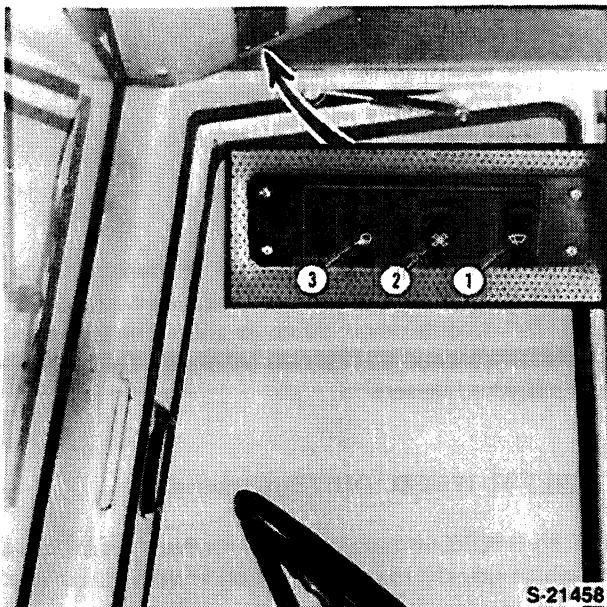


Figure 5
Cab Heater and Wiper Controls

1. Front Wiper Control Switch
2. Heater Blower Control Switch
3. Rear Work Lights Switch

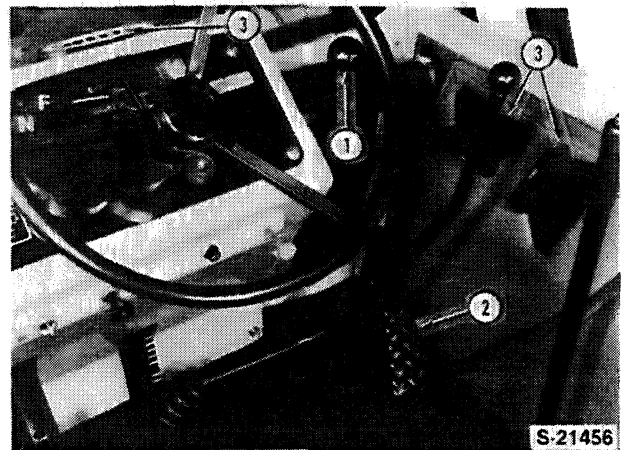


Figure 6

Throttle Controls and Heater Vents

1. Hand Throttle
2. Foot Throttle
3. Heater — Inside Vents

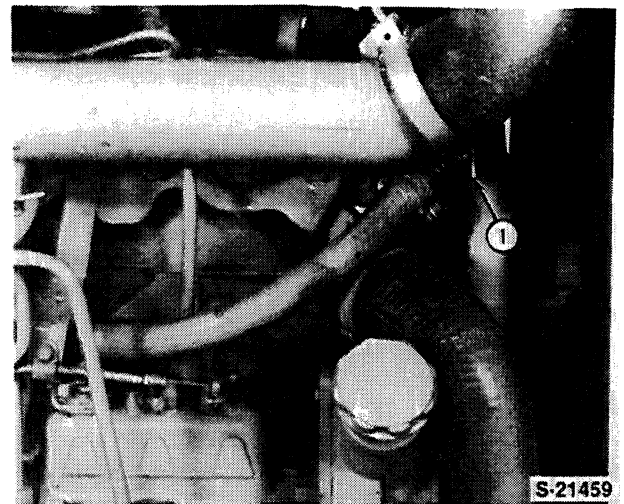


Figure 7

Heater Shut-Off Valve

1. Heater Shut-Off Valve

The shut-off valve should be closed for summer operation. If the valve remains open, hot water will circulate through the heater core and heat will be radiated into the cab from the heater core. Close the valve by turning it clockwise.

WINDSHIELD WIPER SWITCHES

The rocker switch (1), Figure 5, operates the front two speed self parking windshield wiper. The rear window wiper switch is located on the single speed wiper motor (2), Figure 8.

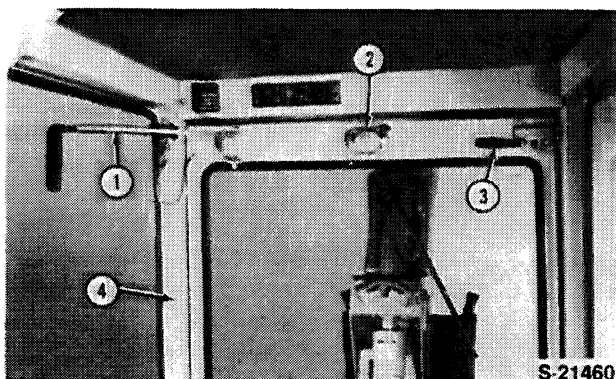


Figure 8

Rear Cab Controls

- | | |
|-----------------------------|-----------------|
| 1. Window Opening Lever | 3. Window Latch |
| 2. Rear Window Wiper Switch | 4. Rear Window |

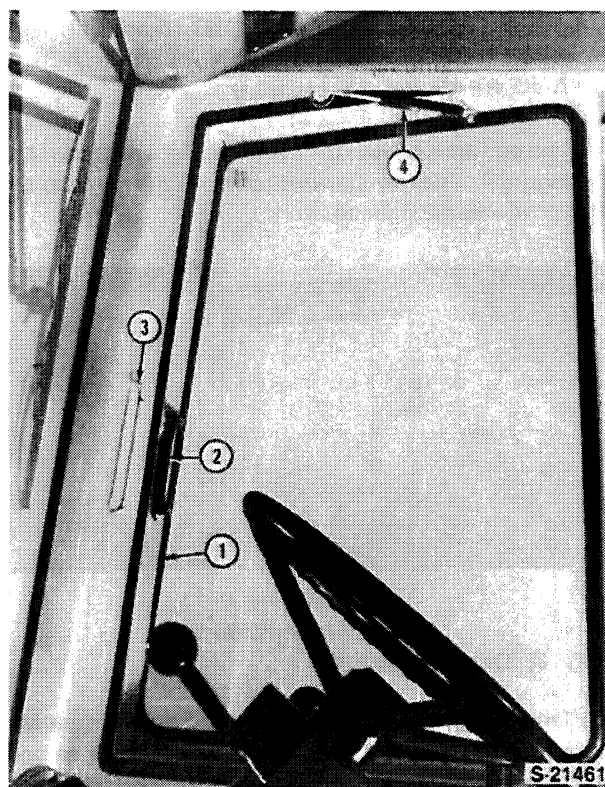


Figure 9

Side Window

- | | |
|-------------------------|------------------------|
| 1. Window | 4. Open — Gas Cylinder |
| 2. Lock Handle | |
| 3. Handle Latch Bracket | |

REAR WORK LIGHTS

The rocker switch (3), Figure 5, operates the rear work lights.

SIDE WINDOW AND DOOR

Side Window: To swing the side window out (open) pull the lock handle (2) back until it releases from the latch bracket (3), Figure 9. The gas cylinder (4) will assist in opening the window.

Cab Door: The cab door is equipped with the same type gas cylinder as the side window. To increase ventilation in the cab, the side door may be hinged back against the rear fender. Remove the clevis pin securing the door cylinder to the cab and fully open the door, be sure the door is retained in position by the stop located on the fender (4), Figure 10.

Rear Window: To open the rear window pull the lock handle (2) back until it releases from the latch bracket (6), Figure 11. Then pull the window handle (4), Figure 11, to the right to open the window out into the storage position. The window should be opened with enough force to engage the open position storage latch (5). To close the window, push the latch lever (1), Figure 12, down to release the window then pull the window handle (4), Figure 11, to the left and rearward to close the window.

CAB HEATER

The cab heater core (1), Figure 13, is located on the right side of the cab just below the swing outside window. The outside heater cover should be removed and the heater checked and cleaned before the start of each cold weather season.

FRONT WHEEL DRIVE (Optional)

The Ford 555B unit is available with front wheel drive which greatly improves traction in difficult conditions.

Front wheel drive may be engaged or disengaged with the tractor stationary or moving.

The front wheel drive control is located on the deck conveniently on the left hand side, within easy reach of the operator.

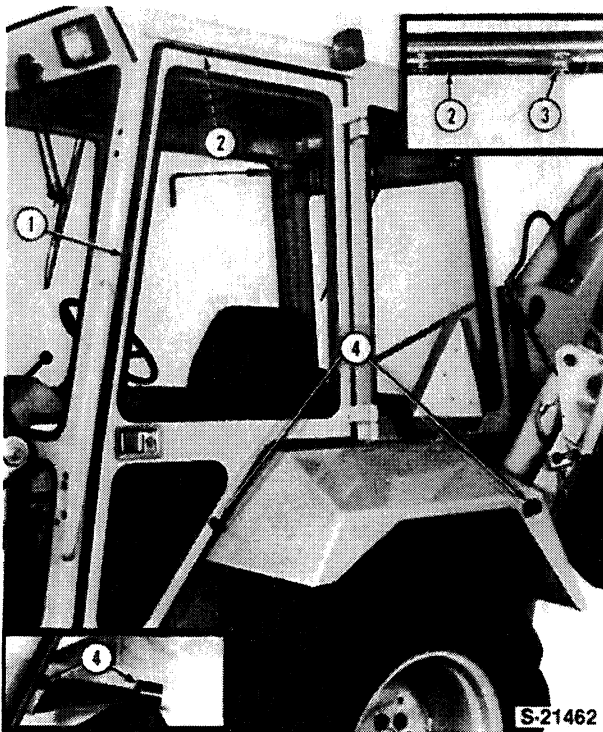


Figure 10
Cab Door Operation

- | | |
|---------------------------------|---|
| 1. Cab Door | 4. Cab Door Open Lock — Door and Fender |
| 2. Cab Door Gas Cylinder | |
| 3. Cylinder in Storage Position | |

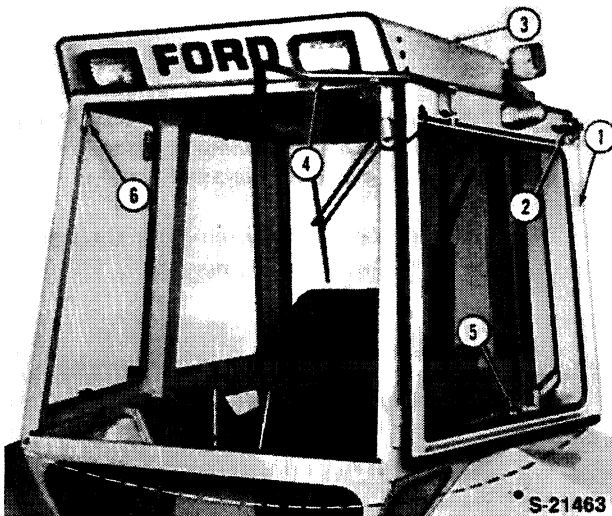


Figure 11
Rear Window

- (Solid Lines — Open Position)
(Dotted Lines — Closed Position)
- | | |
|----------------------------|-------------------------|
| 1. Rear Window | 5. Window Storage Latch |
| 2. Rear Window Lock Handle | 6. Handle Latch Bracket |
| 3. Cab | |
| 4. Window Control Handle | |

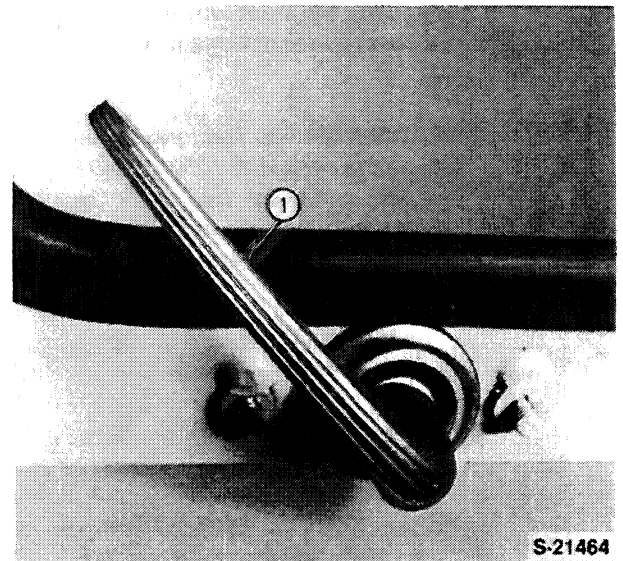


Figure 12

Rear Window Storage Latch

1. Rear Window Storage Latch



Figure 13

Cab Heater Cover

1. Cab Heater Core Cover

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